LAP7 Rec'd PCT/PTO 08 MAY 2006 PTO-1390 (Rev. 07-2005)

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TRANSMITTAL LETTER TO THE UNITED STATES ESIGNATED/FI FCTFD OFFICE (DO/EO/US)

| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371   |   |   |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
| INTERNAT  | IONAL APPLICATION NO.<br>12004000416  | PRIORI DATE CLAIMED January 21, 2004            |  |  |  |  |  |
| TITLE OF INVENTION  Method for processing of thermoplastic polymeric material, an apparatus and composition of the thermoplastic polymeric material |   |   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Kulikov, Oleg Leonidovich   |   |   |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                     |   |   |  |  |  |  |  |
| 1. 🔽 T  | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |   |  |  |  |  |  |
| 2. П т  | his is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.  |   |  |  |  |  |  |
| 3. <b>1</b>   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |  |  |  |  |  |
| 4. 🗹 T  | The US has been elected (Article 31).   |   |  |  |  |  |  |
| 5. 🗸  | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |  |  |  |  |  |
|   | a.  is attached hereto (required only if not communicated by the International Bureau).   |   |  |  |  |  |  |
|   | b. has been communicated by the International Bureau.   |   |  |  |  |  |  |
|   | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |  |  |  |  |  |
| 6. 🗸  | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |  |  |  |  |  |
|   | a. is attached hereto.  |   |  |  |  |  |  |
|   | b. has been previously submi  | itted under 35 U.S.C. 154(d)(4).                |  |  |  |  |  |
| 7.  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |  |  |  |  |  |
|   | a. are attached hereto (required only if not communicated by the International Bureau).   |   |  |  |  |  |  |
|   | b. have been communicated by the International Bureau.  |   |  |  |  |  |  |
|   | c. have not been made; how  | vever, the time limit for making such amend     | ments has NOT expired.                 |  |  |  |  |
|   | d. have not been made and   | will not be made.                               |  |  |  |  |  |
| 8.  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |
| 9. 🔽  | An oath or declaration of the inventor  | r(s) (35 U.S.C. 371(c)(4)).                     |  |  |  |  |  |
| 10.   | An English language translation of th Article 36 (35 U.S.C. 371(c)(5)).   | ne annexes of the International Preliminary I   | Examination Report under PCT           |  |  |  |  |
| Items   | Items 11 to 20 below concern document(s) or information included:   |   |  |  |  |  |  |
| 11.   | An Information Disclosure Statement   | under 37 CFR 1.97 and 1.98.                     | •                                      |  |  |  |  |
| 12. 🔲   | An assignment document for recordi  | ng. A separate cover sheet in compliance w      | vith 37 CFR 3.28 and 3.31 is included. |  |  |  |  |
| 13. 🔲   | A preliminary amendment.  |   |  |  |  |  |  |
| 14.   | An Application Data Sheet under 37  | CFR 1.76.                                       | ·                                      |  |  |  |  |
| 15.   | A substitute specification.   |   |  |  |  |  |  |
| 16. 🔲   | A power of attorney and/or change of  | f address letter.                               |  |  |  |  |  |
| 17.   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.   |   |  |  |  |  |  |
| 18. 🗀   | A second copy of the published Inter  | mational Application under 35 U.S.C. 154(d      | )(4).                                  |  |  |  |  |
| 19.   | A second copy of the English langua   | ge translation of the international application | n under 35 U.S.C. 154(d)(4).           |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

## AP20 REC OFFICE DE MAY 2006 Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| 20. Other items or information: Credit Card Information, Letter about priorities (3 p.), Return Receipt Postcard  |  |   |   |         |                        |              |  |
| The follo   | wing fees have be  | een submitted   |   |         | CALCULATIONS           | PTO USE ONLY |  |
|   | _  |   |   | \$300   | \$<br>300              |              |  |
| 22.  Examination fee (37 CFR 1.492(c))  |  |   |   |         |                        |              |  |
| If the written opini  | •  | \$ 200  |   |         |                        |              |  |
| If the written opini<br>IPEA/US<br>Search fee (37 CI<br>International Seat  | indicates all claim FR 1.445(a)(2)) ha nal Searching Aut ch Report prepare communicated to | \$ 500  |   |         |                        |              |  |
|   | TOTAL OF 21, 22  | 1000  |   |         |                        |              |  |
| Additional fee<br>sequence<br>electronic  | e for specification<br>listing in complia<br>medium) (37 CF<br>\$250 for each ad           |   |   |         |                        |              |  |
| Total Sheets  | Extra Sheets   | Number of each additional 50 or fraction RATE thereof (round <b>up</b> to a whole number) |   |         |                        |              |  |
| - 100 =   | /50 =  |   |   | x \$250 | \$                     |              |  |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). |  |   |   |         |                        |              |  |
| CLAIMS  | NUMB   | NUMBER FILED NUMBER EXTRA   |   | RATE    | \$                     |              |  |
| Total claims  | 1  | 9 - 20 =  | 0 | × \$ 50 | \$                     |              |  |
| Independent clair   | ns 3   | - 3 =   | 0 | × \$200 | \$                     |              |  |
| MULTIPLE DEPE   | NDENT CLAIM(S  | \$ 360  |   |         |                        |              |  |
| -   |  | \$ 1360   |   |         |                        |              |  |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.   |  |   |   |         |                        |              |  |
|   |  | \$ 680  |   |         |                        |              |  |
|   | <b>\$130.00</b> for furnisate (37 CFR 1.492  | \$  |   |         |                        |              |  |
| TOTAL NATIONAL FEE =  |  |   |   |         | \$                     |              |  |
| Fee for recording by an appropriate   |  | \$  |   |         |                        |              |  |
| TOTAL FEES ENCLOSED = \$ 6  |  |   |   |         |                        |              |  |
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| •   | 1072/1424-  |  |  |  |  |  |
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|   | (AP20 Reviews July 2006)  |  |  |  |  |  |
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| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.            |   |  |  |  |  |  |
| SEND ALL CORRESPONDENCE TO: Oleg L. Kulikov c/o Klaus Hornung Tannenstr. 9 D-85764 Oberschleissheim Germany  April 21, 2006   | Signature Oleg L. Kulikov  NAME (Inventor-Applicant)  n/a  REGISTRATION NUMBER  |  |  |  |  |  |